



ECHO Power Engineering, LLC
103 Jefferson St, Suite 102
Clarksville, TN 37040
931-444-5667

Title: Field Engineer I (California)

Job Summary: Echo Power Engineering has an opportunity for an Electrical Power Engineer looking for career growth and new opportunities. The Field Engineer is responsible for performing design and installation for complex equipment upgrade projects in power plants and medium/high voltage substations. This is a hybrid position with design work completed mostly from home and on-site work completed at the power plant or substation performing design data gathering, installation, and testing.

Candidates should live in (or be willing to relocate to) one of the following California counties: Sonoma, Lake, Napa.

Duties and Responsibilities:

- Protection System Design Work:
 - Assist in field data collection
 - Assist with development of DC schematic drawings, AC elementary drawings, physical drawings, and bill of materials
 - Develop wiring diagrams, cable/conduit schedules, and front panel layouts
 - Develop as-builts drawings
- Control System Programming and Design Work:
 - Assist with development of control system architecture, points lists, PLC ladder logic, and HMI screen configurations
 - Develop interconnect/wiring diagrams
 - Develop as-builts drawings
- Field Install Work:
 - Assist with LOTO establishment
 - Support electricians during installs
 - Support functional testing and startup checks
 - Make project redlines

Skills and Abilities Required:

- Knowledge of power generation and transmission (G&T) equipment, metering and controls, instrument transformer circuits, relays and relay settings/logic, generator excitation systems, transformers, G&T protective principles and functionality, and testing procedures for G&T equipment is preferred
- Familiarity with installing and commissioning equipment in power plants and substations is preferred
- Ability to develop and execute commissioning work plans required for a project is preferred

- Must be a self-motivated engineer with a strong work ethic who is equally comfortable in the field or at a computer
- Must possess strong communication skills and be able to work day-to-day with electricians
- Proficient computer skills in all Microsoft platforms, AutoCAD, and MathCAD

Education and Experience Requirements:

- Bachelor's degree in Electrical Engineering (BSEE)
- 1+ years recent and relevant experience with power plant or substation electrical design, installation, and commissioning

Job Location:

- This is a remote position when work is not being completed in the field. Candidate should live in (or be willing to relocate to) one of the following California counties: Sonoma, Lake, Napa.

Pay and Benefits:

- Salary: \$87,360 - \$107,328
- Annual bonus up to 15% of base salary
- Work from home (no relocation required)
- Flexible working hours
- Health, dental, & vision insurance
- Company-paid disability and life insurance
- Four weeks' vacation + 7 company paid holidays
- 401k plan with company match
- Auto allowance
- Family culture
- Career growth opportunities

Echo Power Engineering operates in accordance with our core values of integrity, commitment to team, customer-focused, technical excellence, and optimism. We are a work-from-home company that has created a family-friendly culture that strives to serve our customer with excellence while creating opportunities for our people.

To view all job opportunities and to apply, visit <https://echopowerengineering.com/careers>, or submit your resume directly to Human Resources: ashley@echopowerengineering.com.

Why ECHO

POWER ENGINEERING



Work From Anywhere!

- Location Flexibility
- All home-office equipment provided



Full benefits offering

Medical, dental, vision, 401k with company matching, company-paid disability, mental and behavioral health support, marriage and family retreat offerings



Culture

- Family-Friendly
- Collaborative, Cross-Functional Teams
- Independent work structure valuing self-motivation



Career Advancement

- Personal and professional growth opportunities
- Professional certification incentives



And More:

- Child College Tuition Assistance
- Monthly vehicle allowance + mileage reimbursement for travel
- Company paid cell phone
- Annual bonus + Christmas bonus
- 4 weeks paid vacation + 7 paid holidays
- 24/7 Company Chaplain support and employee devotional team
- Flexible work schedule
- Community Involvement/Charitable Giving Program

